

# Regional Solid Waste Management Plan: Implementation Plan Worksheet

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## Implementation Planning Requirements

### VA SWMP Implementation Planning Requirements

#### A. Basic planning elements:

1. **Objectives for solid waste management** within the planning unit;
2. **A discussion as to how the plan will be implemented and tracked**, consisting of an integrated waste management strategy to support and promote the hierarchy set forth at 9VAC20-130-30; and giving preference to alternatives in the following order of priority: source reduction, reuse, recycling, resource recovery, incineration, and landfilling;
3. **Definition of incremental stages of progress toward the objectives and schedule for their implementation**, including, for compliance with 9VAC20-81-450, specific solid waste management facility names, facility capacities, and life based on 20-year need;
4. Strategy for the provision of necessary funds and resources;
5. **Descriptions of the funding and resources necessary**, including consideration of fees dedicated to future facility development;
6. Strategy for public education and information on source reduction, reuse, and recycling; and
7. Consideration of **public and private sector partnerships** and private sector participation in execution of the plan. Existing private sector recycling operations should be incorporated in the plan, and the expansion of such operations should be encouraged.

**Source:** <https://law.lis.virginia.gov/admincode/title9/agency20/chapter130/section120/>

Goals from the 2021 – 2026 Plan
<b>Planning Goal 1:</b> Maintain an efficient and effective solid waste management system.
<b>Planning Goal 2:</b> Source Reduction and Reuse Goal: To reduce the quantity of waste generated through source reduction, reuse, and other waste reduction techniques.
<b>Recycling Goal 1:</b> Continually improve recycling rate to meet the state-mandated rate and maintain a regional rate that is competitive with the national rate.
<b>Recycling Goal 2:</b> Stimulate demand for a circular economy.
<b>Resource Recovery and Waste Goal 1:</b> Provide environmentally sound solid waste collection facilities that are convenient to the region’s residents.
<b>Resource and Recovery Waste Goal 2:</b> Comply with Federal and State regulations Goal.

## Draft Goals

The draft goals are based on TAC feedback and that from the community workshop.

Goal Edits	Draft Plan (2026 - 2031) Goals
<b>Data and Information Sharing</b>	<b>Data and Information Sharing</b>
<b>Goal 1:</b> Provide residents and businesses with clear, accessible information to support waste reduction, reuse, and recycling efforts.	<b>Goal 1:</b> Provide residents and businesses with clear, accessible information to support waste reduction, reuse, and recycling efforts.
<b>Goal 2:</b> Develop best practices to enhance the collection, verification, and sharing of local waste and recycling data.	<b>Goal 2:</b> Develop best practices to enhance the collection, verification, and sharing of local waste and recycling data.
<b>Planning</b>	<b>Planning</b>
<b>Goal 1:</b> Maintain an accessible, efficient, and effective solid waste management system.	<b>Goal 1:</b> Maintain an accessible, efficient, and effective solid waste management system.
<b>Goal 2:</b> <del>Source Reduction and Reuse Goal: To</del> Reduce the quantity of waste generated through source reduction, reuse, and other <del>waste</del> reduction techniques.	<b>Goal 2:</b> Reduce the quantity of waste generated through source reduction, reuse, and other techniques.
<b>Recycling-Waste Diversion</b>	<b>Waste Diversion</b>
<b>Goal 1:</b> <del>Continually improve recycling rates to meet the state-mandated rate and maintain a regional rate that is competitive with the national rate.</del> Utilize improved data systems to establish a measurable baseline and continually increase local waste diversion.	<b>Goal 1:</b> Utilize improved data systems to establish a measurable baseline and continually increase local waste diversion.
<b>Goal 2:</b> Stimulate demand for a circular economy, collaborate to expand markets for	<b>Goal 2:</b> Stimulate demand for a circular economy, collaborate to expand markets for

recovered materials, and expand sustainable business practices.	recovered materials, and expand sustainable business practices.
<b>Resource Recovery and Waste</b>	<b>Goal 3:</b> Provide environmentally sound solid waste collection facilities that are equitably distributed for residents.
<b>Goal 1:</b> <b>Goal 3:</b> Provide environmentally sound solid waste collection facilities that are convenient equitably distributed for the region's residents.	
<b>Goal 2:</b> Comply with Federal and State regulations Goal.	

## Implementation Planning

Complete the table on the following page using the key below for reference. For each jurisdiction, the following details are needed to fulfill the requirements defined in VA Code Section 20-130-120. Planning requirements.

**Local Objectives:** Actions necessary for your locality to meet identified goals.

**Timeframe:** Each strategy is assigned a timeframe for completion.

- Short-Term: Actions that should be completed within 0-2 years of the Plan's adoption
- Mid-Term: Actions that should be completed within 3-5 years of the Plan's adoption
- Long-Term: Actions that should be completed within 10+ years of the Plan's adoption
- Ongoing: Actions that are currently underway or can continue for the life of the Plan. Some are likely part of routine operations while others may be reoccurring, such as grant opportunities.

**Lead Party:** The person, department, or organization ultimately responsible for the implementation of the action. Please be as specific as possible.

**Stakeholders, Partners, and Other Resources:** This category identifies examples of community partners, state, federal, or local agencies, and resources that may be useful to call on for grant opportunities, technical support, or information.

**Cost:** Identifies whether a strategy is likely to be low-cost (\$), medium-cost (\$\$), or high-cost to implement (\$\$\$). Internal policies or staff time are examples of low-cost strategies; capital improvements are examples of high-cost strategies.

Goals	Objectives	Timeframe	Lead Party	Stakeholders, Partners and Other Resources	Cost
Data & Information Sharing Goal 1					
Data & Information Sharing Goal 1					
Data & Information Sharing Goal 2					
Data & Information Sharing Goal 2					
Planning Goal 1					
Planning Goal 1					
Planning Goal 2					
Planning Goal 2					
Waste Diversion Goal 1					
Waste Diversion Goal 1					
Waste Diversion Goal 2					
Waste Diversion Goal 2					
Waste Diversion Goal 3					
Waste Diversion Goal 3					

## Related Goals from Locality Plans

### Albemarle County (*Climate Action Plan*, Sustainable Materials Management Chapter)

STRATEGIES	ID	ACTIONS	TIME FRAME
Increase the availability, convenience, and efficiency of trash and recycling collection.	S.1.1	Establish a model trash and recycling center at the Ivy Material Utilization Center.	immediately actionable
	S.1.2	Study the feasibility of curbside recycling by the County.	immediately actionable
	S.1.3	Identify if there is a need to locate additional paper/cardboard balers in Albemarle County.	immediately actionable
	S.1.4	Establish a pilot residential recycling center in Scottsville.	assess opportunities
	S.1.5	Work with RSWA to explore improving the customer experience through operational changes. Provide comprehensive recycling and disposal services to reduce the potential for mishandling or dumping.	assess opportunities
	S.1.6	Study the feasibility of locating residential trash, recycling, and composting centers within a particular distance or time limit to population centers. Ensure equitable access for underserved communities to future sites is considered.	assess opportunities
Research economic and regulatory tools to improve waste metrics reporting and motivate residents to recycle.	S.2.1	Amend Chapter 13 of the County ordinance to require large trash haulers to report the weight or volume of trash and recycling and their vehicle-miles-traveled.	initiate planning
	S.2.2	Assess a pay-as-you-throw model of trash pricing, in which fees are based on the amount of trash.	assess opportunities
	S.2.3	Assess requiring recycling at particular land uses—such as large multifamily developments and commercial/industrial properties.	assess opportunities
	S.2.4	Assess requiring recycling collection areas at new developments meeting particular criteria.	assess opportunities
	S.2.5	Explore Government Green Purchasing Policy for local government and public schools.	initiate planning
	S.2.6	Research and make recommendations on co-generation waste-to-energy options and impacts.	assess opportunities
Increase the availability and convenience of organic material collection and composting.	S.3.1	Study the feasibility of residential curbside yard waste and food scraps composting.	immediately actionable
	S.3.2	Make composting available in all public schools and County office buildings.	initiate planning
	S.3.3	Make food scrap and yard waste composting available at residential trash and recycling centers.	initiate planning
	S.3.4	Develop food waste reduction goals and incentivize compost at restaurants, grocery stores, and other large generators.	assess opportunities
Use media outreach, public information campaigns, and school programs to encourage behavioral changes towards consumption and waste.	S.4.1	Provide information about waste streams, recycling processes, and the benefits of reducing, reusing, recycling and composting. Encourage and promote waste hierarchy, circular economy, and reducing material waste.	initiate planning
	S.4.2	Survey the public to gauge support for waste management initiatives or service changes. Ensure equity considerations are part of public survey.	assess opportunities
	S.4.3	Encourage the donation or reuse of unneeded clothing; provide information on alternatives to sending fabric to landfill.	assess opportunities
	S.4.4	Increase informational programs on sustainable materials management and climate change for the community, residents, and businesses.	initiate planning
	S.4.5	Increase access to information and resources on sustainable materials management and climate change for local government, public school staff, and students.	initiate planning

## City of Charlottesville (*Climate Action Plan, Waste Chapter*)

### **SUB-GOALS**

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- Reduce total waste generated volumes 20% by 2030 and 90% by 2050
- Divert 50% of Charlottesville's organic materials from the landfill by 2030
- Seek equitable distribution of costs, services, and generation of waste materials across community members

## **STRATEGIES AND KEY ACTIONS**

### **STRATEGY: Apply a Sustainable Materials Management approach to Charlottesville's Waste System**

- > Key Action: Adopt a Sustainable Materials Management policy
- > Key Action: Scope Charlottesville's full waste system, including key partners and actors
- > Key Action: Adopt a waste generation reduction target and an organics diversion target
- > Key Action: Education/Engagement (waste reduction, preferred materials, landfill alternatives)
- > Key Action: For future zoning updates, consider how to support and provide space for the collection of multiple waste streams at businesses and residences
- > Key Action: For future zoning updates, consider whether zoning changes are needed to support onsite composting

### **STRATEGY: Reduce Amount of Food and other Organics-based material waste**

- > Key Action: Working with community networks, identify meaningful ways to increase diversion of edible food to gleaning/donation programs
- > Key Action: Increase education and engagement about food waste and waste reduction options

### **STRATEGY: Divert Organics from the Landfill**

- > Key Action: Add organics collection for yard waste and household compostables to the set of City-provided curbside waste services
- > Key Action: Evaluate and propose options for expanding organics collection options for City non-curbside waste collection customers, including residential and commercial/organizational entities
- > Key Action: Provide organics material collection for municipal government and school facilities and sites
- > Key Action: Promote backyard composting strategies and resources, including an outreach focus to community, school, and urban agriculture gardens
- > Key Action: Prioritize where possible consistency of signage, messaging, and waste stream separation across the Charlottesville-Albemarle-UVA region

## Fluvanna County (*Comprehensive Plan 2024*)

Goal: To maintain a comprehensive, long-range solid waste management program.

Goal	Strategy	Timeline	Tasked To
	(1) Continue the annual collection of household hazardous waste and publicize the importance of the program.	Ongoing	Public Works
	(2) Continue a countywide education program on the advantages of waste reduction, composting, recycling, and reuse, and continue to utilize the recycling center at the county landfill site.	Ongoing	Public Works

Goal: To protect natural resources.

	(1) Promote development projects that minimize environmental impact through the effective utilization of green infrastructure, low-impact development practices, and other sustainable development policies.	Ongoing	Planning Comm. and Staff
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## Greene County (Comprehensive Plan 2023)

### GOALS AND IMPLEMENTATION STRATEGIES: SOLID WASTE

- Greene County will provide residents with convenient, cost-effective solid waste management and recycling services.
  - Ensure that solid waste generated in Greene County is collected, processed, and disposed of in a manner that is consistent with TJPDC's Regional Solid Waste Management Plan and the waste management hierarchy.
  - Continue to maintain a 25% or greater minimum recycling rate by providing recycling facilities to county residents
  - Examine the feasibility and demand for additional convenience-type recycling centers at additional locations in Greene County.
  - Promote recycling and proper solid waste disposal through advertising and education
  - Encourage new development to include recycling in addition to solid waste collection services
- Greene County will participate in TJPDC's Regional Solid Waste Planning efforts to promote the region's household hazardous waste collection days
  - Continue to participate in the annual regional recycling rate report
  - Continue to participate in the Thomas Jefferson Regional Solid Waste Planning Unit
  - Identify grant monies to participate in hazardous waste collection days
- Greene County will limit the burning of household trash to the extent possible
  - Comply with state codes and regulations on the burning of trash
  - Provide affordable, accessible waste disposal options at the County transfer station or county convenience centers.
- Greene County will continue to manage and operate the solid waste facility efficiently and within budget goals
  - Improve signage at the facility including clear labeling of recycling bins for different materials
  - Make improvements to the recycling collection center layout to make it easier for citizens to separate and deposit recyclable waste properly



## TJSWPU Plan Objectives (2016 – 2021)

Use these past objectives as a starting point for local objective planning.

\*\*\*Note: This version does not meet current Virginia implementation requirements; please ensure your new drafts incorporate the missing criteria required for full compliance.

Planning	Responsible Parties
<b>Planning Goal 1: Maintain an efficient and effective solid waste management system.</b>	
Objective 1: Coordinate and facilitate efficient coordinated and fiscally sound solid waste management contracts across localities.	
Use Request for Proposals (RFPs) when soliciting contracts when feasible instead of Invitations to Bid.	Localities
Include cooperative procurement language in contracts that would allow the other members of the SWPU to use the contract services under the same cost, terms, and conditions.	Localities
Encourage public-private partnerships for waste management when cost efficiencies can be achieved.	Localities
Maintain a regional centralized archive at the TJPDC for reporting to DEQ and cataloging all locality waste management contracts.	TJPDC
Objective 2: Promote planning district collaboration with localities in preparing for future system capacity needs.	
Review waste streams, markets, programs, and system capacity regularly.	TJPDC
Objective 3: Realize economies of scale through regional collection, disposal, and recycling opportunities.	
Identify and reduce barriers to regional coordination of contracts.	Localities
Coordinate contracts for special waste collection.	Localities
Jointly sponsor convenience centers for communities straddling jurisdictional lines or adjacent communities in separate jurisdictions.	Transfer Stations, Localities
<b>Planning Goal 2: Source Reduction and Reuse Goal: To reduce the quantity of waste generated through source reduction, reuse, and other waste reduction techniques.</b>	
Objective 1: Support the localities in expanding reuse infrastructure and culture in the region.	
Expand the reuse of building materials.	Transfer Stations, Localities
Promote online tools, such as Freecycle, Teracycle, and Craigslist that facilitates the reuse of materials before they enter the solid waste stream.	TJPDC
Educate the public on the importance of and services available source reduction, reuse, and recycling through various media: website, brochures, fair display, social media, etc.	TJPDC
Promote home composting through workshops when feasible and educational materials.	Piedmont Master Gardeners-Charlottesville

Support and expand organic waste collection.	Piedmont Master Gardeners- Charlottesville
Establish Environmental Management Systems or source reduction initiatives in localities where they do not currently exist.	Localities
<b>Objective 2: Explore opportunities with the localities and their economic development departments on how reuse may contribute to the local economy.</b>	
Assess opportunities to facilitate industrial symbiosis between existing public and private facilities or through recruitment of industries that can use waste generated in the region as raw material for production.	Localities
<b>Recycling Goal 1: Continually improve recycling rate to meet the state-mandated rate and maintain a regional rate that is competitive with the national rate.</b>	
<b>Objective 1: Achieve a minimum 25% recycling rate in each participating locality while aiming for a minimum of 45% as a region.</b>	
Maintain a map of all recycling facilities in the region. Identify services offered by each; make them available to the public.	TJPDC
Ensure local government comprehensive plans and ordinances consider issues related to siting of recycling facilities.	Localities
Promote electronics recycling opportunities available to the community.	Localities
Develop recycling programs in those schools where they do not currently exist	Locality Schoolboards
<b>Objective 2: Assist haulers in providing annual recycling rates.</b>	
Create a uniform reporting mechanism for haulers to use in reporting rates to localities.	TJPDC
Send out recycling-rate reporting mechanism once a quarter.	TJPDC
<b>Objective 3: Divert increased yard waste and food scraps from the landfill.</b>	
Continue to support and promote annual Christmas Tree leaf collection programs.	Localities
Support a commercial scale composter to serve the region.	Localities
<b>Recycling Goal 2: Stimulate demand for a circular economy.</b>	
<b>Objective 1: Use local government purchasing power to increase demand for products manufactured with post-consumer recycled materials.</b>	
Abide by environmentally preferable purchasing (EPP) guidelines whenever possible	Localities
Expand EPP guidance	Localities

<b>Planning</b>	<b>Responsible Parties</b>
Adopt EPP policies	Localities
<b>Objective 2: Encourage the collection of clean recyclable commodities.</b>	
Promote source-separation as a preferred method of recycling.	Local Convenience Centers
Create educational campaigns and materials for the public.	TJPDC, Localities
Promote and coordinate on regional marketing streams.	Private Sector
<b>Objective 3: Promote the use of recycled material.</b>	
Reuse construction demolition debris (CDD) for projects.	Localities
Use PSAs to inform the public (celebrate the local opportunities within the circular economy).	TJPDC
<b>Resource Recovery and Waste Goal 1: Provide environmentally sound solid waste collection facilities that are convenient to the region's residents.</b>	
<b>Objective 1: Maximize the efficiency of, and anticipate the future need for, additional or expanded collection facilities.</b>	
Use the recommended regular solid waste systems review to inform the creation of new transfer station capacity or other solid waste management facilities/programs.	Localities
Reduce demands on disposal and recycling infrastructure by promoting conscious consumerism.	TJPDC, Localities, NGOs
<b>Objective 2: Plan carefully for convenience centers and minimize the need for future landfills.</b>	
Engage many stakeholders in the planning and location of convenience centers.	Local Convenience Centers
Minimize the amount of waste generated by implementing the waste management hierarchy.	Localities
<b>Resource and Recovery Waste Goal 2: Comply with Federal and State regulations Goal.</b>	
<b>Objective 1: Maintain compliance with state and federal regulations on closed landfills.</b>	
Exceed or maintain compliance with Federal and State while improving upon spaces.	Localities

## Additional References

1. **Local, State and Regional Solid Waste Planning** - Virginia Department of Environmental Quality - [VA Solid Waste Planning Webpage](#) and [Draft State Solid Waste Management Plan \(Oct 2025\)](#)

### *New State Solid Waste Management Plan Under Development*

DEQ received a Solid Waste Infrastructure for Recycling (SWIFR) grant from EPA to develop a new Statewide Solid Waste Management Plan (SWMP). Using the SWIFR Grant funding, DEQ hired Resource Recycling Services (RRS) to develop a modern statewide SWMP, replacing the 1979 version.

The new Virginia Solid Waste Management Plan (SWMP) is a comprehensive framework that defines the Commonwealth's policies, goals, and objectives for resource recovery and solid waste disposal over the next twenty years. The plan covers the entire waste stream, from source reduction and reuse, to recycling and composting, to waste-to-energy and landfilling. The SWMP lays out current waste generation, management facility types and capacities, as well as serves as a reference for local governments. It provides strategic direction for how Virginia will manage materials more efficiently, reduce waste, and build a more resilient and sustainable system for future generations.

This plan represents a forward-looking blueprint for building a more sustainable, resilient, and economically vibrant materials management system. DEQ is in the process of finalizing the draft new SWMP prepared by RRS and is requesting input on the draft from the public and regulated community. The public notice and the draft SWMP can be found at: [Virginia Regulatory Town Hall View General Notice](#).

2. **The Community Zero Waste Road Map** – by [EcoCycles](#):  
<https://ecocycle.org/content/uploads/2021/04/Toolkit-Community-Zero-Waste-Roadmap.pdf>

### *Phased Infrastructure & Policy Development*

This toolkit provides a high-level overview of the key infrastructure, policies, and programs proven to work in high-performing communities. It is structured as a three-phase, 10-year implementation plan. This allows jurisdictions to scale their efforts based on budget and readiness, focusing first on recovering high-value discards and reducing waste at the source to lower long-term landfilling costs.

3. **Zero Waste & Solid Waste Planning Benchmarking and Literature Review** – by  
ERG for Arlington County:

[https://www.arlingtonva.us/files/sharedassets/public/v/1/commissions/documents/c2e2/solid-waste-committee/erg\\_zero\\_waste\\_plans\\_review\\_final\\_report\\_08312018\\_final\\_update.pdf](https://www.arlingtonva.us/files/sharedassets/public/v/1/commissions/documents/c2e2/solid-waste-committee/erg_zero_waste_plans_review_final_report_08312018_final_update.pdf)

*Comparative Analysis & Scalable Models*

This report presents a benchmarking analysis of nine U.S. jurisdictions that have successfully adopted ambitious solid waste and sustainable materials management plans. It shows how communities ranging in size and geography—have balanced waste reduction goals with economic viability.